SUBJECT INDEX

1993

Numbers following items designate the month of issue and page number (of the first page of the article in which the item appears). Thus, 4:19 means page 19 of the April issue.

A

ABS
continuous-mass process, 3:10
specialty application, 10:8
ABS/polycarbonate blend, specialty applications, 1:4, 10:5
ABS/PVDF blend, 10:33
ABS/SMA blend, 10:33
Accelerators, additives, 6:20
Acetal, specialty applications, 4:8, 6:8, 9:5, 11:4
Acid neutralizers, additives, 6:20
Acronyms, for plastics, 6:47
Acrylic, specialty applications, 1:5, 4:5, 8:5
Acrylic styrene resin, specialty application, 4:4
Additives
accelerators, 6:20
acid neutralizers, 6:20
adhesion promoters, 6:20
annual roundup, 6:20
antiblocks 6:20
antimicrobials, 6:20
antioxidants, 6:20
antistats, 6:20
bactericides, 6:20
bilobe glass fibers, 5:23
biocides, 6:20
blowing agents, 6:20
brighteners, 6:20
catalysts, 6:20
colorants, 6:20, 7:19
compatibilizers, 6:20, 10:33
conductive fillers, 6:20
coupling agents, 6:20
crosslinking agents, 6:20
curatives, 6:20
degradants, 6:20
dispersion agents, 6:20, 8:16
extenders, 6:20
feature article, "Impact on Applications," 8:16
fibers, glass, 5:23
fillers/reinforcements, 6:20
fire retardants, 11:29
flame retardants, 6:20, 10:20, 11:29
fluoropolymer additives, 6:20
foaming agents, 6:20
fungicides, 6:20
glass fibers, bilobe, 5:23
heat stabilizers, 6:20, 8:16
hindered amine light stabilizers, 6:20, 8:16
impact modifiers, 6:20
initiators, 6:20
light stabilizers, 6:20, 8:16
lubricants, 6:20
microspheres, 6:20, 11:10
modifiers, 6:20
mold-release agents, 6:20, 10:4
peroxides, 6:20
pigments, 6:20, 7:19
plasticizers, 6:20
processing aids, 6:20
reinforcements/fillers, 6:20
release agents, 6:20
slip agents, 6:20
smoke suppressants, 6:20
stabilizers, 6:20
surface treatment and, 7:19
surfactants, 6:20
tackifiers, 6:20
titanium dioxide, 7:19
toughners, 6:20
ultraviolet light stabilizers, 6:20, 8:16
Adhesion promoters, additives, 6:20
Advanced composites: *see* Composites
Agriculture, and plastics, 8:16
Alloy, polyester/polycarbonate, specialty application, 7:5
Alloys and blends, 10:33
American Chemical Society (ACS), 11:12
American Plastics Council
ad campaign, 1:3
Core Schools Program, 11:6
recycling and, 1:3, 3:8, 4:3, 4:9, 9:6, 10:6
source reduction and, 12:6
American Society for Testing and Materials (ASTM), 6:47
Annual report, SPE, 5:27
Annual Technical Conference (ANTEC), 1993
"ANTEC '93—Be in That Number" (preview), 3:22
"Lance Neward Becomes SPE's 52nd President; ANTEC '93 Draws 4700-Plus to New Orleans" (preliminary wrapup), 6:16
"Lance Neward Pinpoints 'Leadership' as Theme of His SPE Presidency" (wrapup), 7:26
Super Session agenda is announced, 1:7
technical papers, best, 10:16
ANTEC: *see* Annual Technical Conference
Antiblocks, additives, 6:20
Antimicrobials, additives, 6:20
Antioxidants, additives, 6:20
Antistats, additives, 6:20
APC: *see* American Plastics Council
Aramid fiber, specialty application, 11:10
ASTM: *see* American Society for Testing and Materials
Automotive plastics
Big Three plan materials research, 9:9
dashboard, 1:4
feature article, 4:34
recycling and, 4:9, 4:34
Society of Plastics Engineers Automotive Division, awards, 12:18
specialty applications, 1:4, 1:6, 4:8, 8:5, 8:8, 12:4, 12:8
Awards
DuPont, 4:9
SPE Automotive Division, 12:18
SPE International, 3:22, 4:50, 6:84
SPE Newsletter, 11:66
Vinyl in Packaging (V.I.P.), 2:8

B

Bactericides, additives, 6:20
Bilobe glass fibers, additives, 5:23
Biocides, additives, 6:20
Biodegradable polymers, specialty application, 4:8
Blends
ABS/PC, specialty applications, 1:4, 10:5
compatibilizing immiscible blends (ABS/PVDF, ABS/SMA, PVDF/SAN, SAN/SMA), 10:33
Blowing agents, additives, 6:20
Blow molding
HDPE recycling, 1:28
recycling and, 1:28
Blown films, 11:33
BOPP film, specialty application, 8:4
Brighteners, additives, 6:20
Brussels, SPE European office, 9:20
Buckets, 5-gallon, safety and, 9:6

C

CAD (computer-assisted design), 8:27
CAE (computer-aided engineering), 9:27
Canada, Department of Natural Resources, recycling venture, 12:10
Catalysts, additives, 6:20
CFCs: *see* Chlorofluorocarbons
Changing lifestyles, plastics and, feature article, 5:18
Chem Show, preview, 11:18
Chlorofluorocarbons: (*see also* Hydrochlorofluorocarbons)
  alternatives to, 8:16, 12:6
  phaseout of, 4:3, 8:10, 8:16, 12:6
Coalition for Container Safety, 9:6
Coatings, 12:27
Colorants, additives, 6:20, 7:19
Compatibilizers, additives, 6:20
Composites
  automotive and, 4:34
  nylon, specialty applications, 1:6, 3:5, 4:5, 4:8, 5:7, 6:4, 7:4, 7:5, 8:8, 9:8
  shipments for 1993, U.S., 10:18
  specialty applications, 3:4, 3:5, 8:10, 9:8, 12:4, 12:5
  SPI conference (Composites Institute) preview, 1:10
  structural composites, 6:18
Composites Institute, SPI
  conference preview, 1:10
  Fiberglass Pipe Institute, 7:3
Compounding, "Quest for Perfection," feature article, 2:14
Computers, and plastics
  CAD, 8:27
  CAE, 9:27
  design engineering process, 8:23
  material selection, 8:23
  mold filling analysis, 4:41
  part design, 8:23
Concurrent engineering, 8:27
Conductive fillers, additives, 6:20
Conductive plastics, specialty application, 11:5
Conferences
  ANTEC 1993
    preview, 3:22
    wrapups, 6:16, 7:26
  Polyolefins VIII, 1:26, 3:20
  RETECs, SPE: *see* Regional Technical Conferences
  SPI Composites Institute, 1:10
  SPI Structural Plastics Division, 6:18
Consortium for Fossil Fuel Liquefication Science, 10:10
Construction, plastics in, 3:6, 3:8
Continuous-mass process, for ABS, 3:10
Coupling agents, additives, 6:20
Crosslinking agents, additives, 6:20
Cruse, William T., obituary, 6:73
Crystallization, 11:33
Curatives, additives, 6:20
Cutting boards, plastic, 8:6

D

Degradants, additives, 6:20
De Michele, Eugene, Executive Director of SPE, 5:46
Design
  CAD, 8:27
  engineering plastics and, 8:23
  injection molded parts, 8:23
  material selection, 8:23
  part design, 8:23, 8:27
  screw design, 10:27
Directory, SPE, 9:50
Dispersion agents, additives, 6:20, 8:16
DuPont Co.
  awards for food industry innovation, 4:9
  Plunkett Student Awards, 11:12
  transaction with ICI, 8:10

E

Elastomers
  synthetic rubber, specialty application, 7:6
  thermoplastic, specialty applications, 8:8, 12:8
  thermoplastic polyurethane, specialty applications, 1:6, 4:4, 4:8
Employment, and U.S. plastics industry, 3:8
Engineering, concurrent, 8:27
Engineering resins
  automotive and, 4:34
  recycling and, 6:10
Environment, plastics and (*see also* Chlorofluorocarbons; Environmental Protection Agency, U.S.; Hydrofluorocarbons; Recycling)
  executive orders regarding, 11:6
  heavy metals, 3:8
  "Update on Plastics and the Environment," feature article, 3:75
Environmental Protection Agency, U.S.
  CFCs and, 12:6
  Clean Air Act and, 5:3
  HCFC phaseout and, 8:6
  ring carrier rule and, 7:3
  Toxic Release Inventory (TRI), 8:6
  warning labels, 5:3
EPA: *see* Environmental Protection Agency
Epoxy, specialty application, 3:5
Epoxy composite, specialty applications, 3:5, 9:8
Epoxy novolac, specialty application, 8:4
EPS: *see* Expandable polystyrene
European office, SPE, 9:20
Expandable polystyrene
  recycling of, 4:9
  specialty application, 2:6
Exporting, 9:21
Extenders, additives, 6:20
Extrusion
  crystalline morphology in HDPE blown films, 11:33
  screw design, 10:27

F

Facts & Figures of the U.S. Plastics Industry, 12:6
Fiber, polyethylene, specialty application, 5:14
Fiberglass, specialty application, 1:6
Fibers, bilobe glass, additives, 5:23
Fillers/reinforcements, additives, 6:20
Film
  BOPP, 8:4
  polyimide film, studying properties of, 12:31
  specialty application, 11:5
Finite element meshing, and flow analysis, 4:41
Fire retardants, 11:29
Flame retardants, additives, 6:20, 10:20 (feature article), 11:29
Flammables, and plastic containers, 10:6
Flow analysis, 4:41
Fluoropolymer additives, 6:20
Fluoropolymers, safe handling of, 5:3
Foam, expandable polyethylene, recycling of, 9:9
Foam, expandable polystyrene, recycling of, 4:9
Foam, polyolefin, specialty application, 2:5
Foam, polyurethane
  recycling and recovery, 10:6
  specialty applications, 8:5, 12:5
Foaming agents: *see* Blowing agents
Food packaging, use of recycled plastics in, 5:3
Forger, Robert D., former Executive Director of SPE, 1:2, 2:50
"Froth" method for separating plastic wastes, 5:8
Fuji Recycling Industry, Japan, 12:10
Fungicides, 6:20

G

Gas-assisted injection molding, 9:27
Glass fibers, bilobe, 5:23
Global markets, feature article, 9:14
Gore, Albert, U.S. Vice President, 11:6
Group of Seven, tariffs and, 9:6

H

Hall of Fame, Plastics, 12:10
HCFCs: *see* Hydrochlorofluorocarbons
HDPE: *see* High-density polyethylene
Heat stabilizers, additives, 6:20, 8:16
Heavy metals, regulation of, 3:8
High-density polyethylene
  blow-molded applications, 1:28
  crystalline morphology in blown films, 11:33
  recycling and, 1:28
  specialty application, 5:7
Hindered amine light stabilizers, additives, 6:20, 8:16
Hoechst Celanese Corp.
  ISO testing protocols and, 7:10
  recycling and, 6:10
Hot runner systems, designing and selecting, 4:45
Huntsman, acquires Texaco Chemical, 11:12
Husky Injection Molding Systems Ltd., opens new plant in Ontario, 12:17
Hydrochlorofluorocarbons
  phaseout of, 8:6
  substitutes for CFCs, 12:6

I

ICI, transaction with DuPont, 8:10
Impact modifiers, additives, 6:20
Initiators, additives, 6:20
Injection molding
  computer-aided engineering and, 9:27
  design engineering process, 8:23
  flow analysis and, 4:41
  gas-assisted, 9:27
  heated core pin and, 2:29
  hot runner systems, 4:45
  material selection, 8:23
  mold design and, 4:45
  part design and, 8:23
  polypropylene, weld strength of, 2:29
ISO
  registration, booklet explains, 6:6
  support group is formed, 3:10
  testing protocols, 7:10
Isopolyester resins, specialty applications, 3:4, 5:14

J

Jobs, and U.S. plastics industry, 3:8

L

Labor, and U.S. plastics industry, 3:8
Leak testing, 2:6
Letters to the Editor, 2:28, 7:41
Lifestyles, and plastics, 5:18
Light stabilizers, additives, 6:20, 8:16
Linear low-density polyethylene, specialty application, 6:5
Liquid crystal polymer, specialty application, 7:4
LLDPE: *see* Linear low-density polyethylene
Lubricants, additives, 6:20

M

Machinery shipments, U.S., 5:3
Maine, regulates heavy metals, 3:8
Manufacturers' representatives, 2:28
Marketing, challenges facing the plastics industry, 9:23
Markets, global, feature article, 9:14
Materials (*see also* specific type)
  automotive plastics, 4:34
  engineering resins, 8:23
  plastics vs. metals, feature article, 12:20
  selection of, 8:23
Medical plastics
  biodegradable, 4:8
  epoxy novolac, 8:4
  feature article, "Performance Under Pressure," 7:14
  polycarbonate, 7:6
  polysulfone, 6:8
  specialty applications, 3:6, 4:8, 6:6, 7:4, 7:6, 11:4, 12:4
  SPE limited RETEC, 12:59
  thermoplastic polyurethane, 7:6
Membership Directory & Buyer's Guide, SPI, 1:44
Metals vs. plastics, 12:20
Microelectronics, and polyimide films, 12:31
Microspheres, additive, 6:20, 11:10
Mobil Corp., assists flood victims, 9:9
Modifiers, additives, 6:20
Mold design, 4:45
Mold filling analysis, 4:41
Mold-release agents, additives, 6:20, 10:4
Morphology, in HDPE blown films, 11:33

N

National Medal of Technology, 12:6
National Performance Review, U.S., 11:6
Nomenclature, for plastics, 6:47
North American Free Trade Agreement (NAFTA), 10:6
Novamont, and patent dispute, 1:7
Nylon
  composites, specialty applications, 1:6, 3:5, 4:5, 5:7, 6:4, 7:4, 7:5, 8:8, 9:8
  specialty applications, 5:14, 6:4, 12:8

O

Oil, producing oil from plastics, 10:10

P

Packaging
  awards competitions
    sponsored by DuPont, 4:9
    sponsored by Vinyl Packaging Council, 2:8
  food, use of recycled plastics in, 5:3
  polypropylene application, 2:4
  specialty applications, 8:4, 10:4, 11:5
PC: *see* Polycarbonate
PEEK: *see* Polyetheretherketone
Peroxides, additives, 6:20
PET: *see* Polyethylene terephthalate
Pigments, additives, 6:20, 7:19
Plasticizers, additives, 6:20
Plastics Academy, 12:10
Plastics analysis, 12:31
Plastics Hall of Fame, honorees for 1994, 12:10
"Plastics in Automotive," feature article, 4:34
Plastics industry
  marketing challenges facing, 9:23
  U.S. jobs and, 3:8
Plastics vs. metals, feature article, 12:20
Plastic waste, separating by "froth" method, 5:8
Plunkett Student Awards (DuPont), 11:12

PMMA: *see* Polymethyl methacrylate
Polyamide: *see* Nylon
Polycarbonate
blend, with ABS, specialty applications, 1:4, 10:5
specialty applications, 1:4, 1:5, 2:5, 7:6, 9:8, 11:10
Polycarbonate/polyester alloy, specialty application, 7:5
Polyester, thermoplastic, specialty applications, 2:4, 3:4
Polyester/polycarbonate alloy, specialty application, 7:5
Polyetheretherketone, specialty application, 3:6
Polyethylene
fiber, specialty application, 5:14
specialty applications, 4:8, 6:5
Polyethylene terephthalate
recycling of, 6:10, 9:8
specialty applications, 1:6, 2:4, 3:4
Polyimide film, studying properties of, 12:31
Polyisocyanurate Insulation Manufacturers Association, 12:6
Polymer concrete, 10:8
Polymethyl methacrylate, 10:33
Polyolefin foam, specialty application, 2:5
Polyolefins, 1:26, 3:20
Polyolefins VIII, SPE conference
preview, 1:26
wrapup, 3:20
Polyphenylene oxide, specialty application, 3:6
Polypropylene
injection molding and, 2:29
specialty applications, 2:4, 8:4, 11:4, 11:5
weld strength of, in injection molding, 2:29
Polystyrene, expandable, specialty applications, 2:6, 3:8
Polystyrene Packaging Council, joins SPI, 4:3
Polysulfone, specialty application, 6:8
Polyurethane
CFCs and, 4:3, 8:10
foam, 8:5, 8:10
recycling and, 10:6, 10:10
specialty applications, 6:8, 9:5
structural foam, specialty application, 8:5
Polyurethane Foam Association, 8:10
Polyvinyl alcohol, 6:47
Polyvinyl butyral, specialty application, 9:4
Polyvinyl chloride
recycling and, 5:3
specialty applications, 5:6, 11:10
V.I.P. Awards, 2:8
PPO: *see* Polyphenylene oxide
Previews
ANTEC 1993, 3:22
Chem Show, 11:18
Polyolefins VIII, 1:26
SPI Composites Institute conference, 1:10
Processing aids, additives, 6:20
Production figures, resins, 3:8
PSO: *see* Polysulfone
PVC: *see* Polyvinyl chloride
PVDF/ABS blend, 10:33
PVDF/SAN blend, 10:33

R

Reaction injection molding, specialty application, 9:5
Recreation, plastics in, 5:18
Recycling
acetal, 9:8
American Plastics Council and, 4:3, 4:9
automotive and, 4:9, 4:34
blow-molded applications and, 1:28
book on recycled plastics, 4:3
bottles, 3:8
Canada and, 12:10
construction and, 3:6
food packaging, use of recycled plastics in, 5:3
"froth" separation method, 5:8
Fuji Recycling Industry, of Japan, 12:10
HDPE, 1:28
Hoechst Celanese and, 6:10
Illinois Institute of Technology receives grant, 10:10
nylon, 9:8
polyethylene terephthalate (PET), 6:10, 9:8
polyphenylene oxide, 3:6
polystyrene foam, 4:9
Polyurethanes Recycle & Recovery Council, SPI, 10:6
Recycled Plastics Products Source Book, 10:6
roofing, 3:6
sortation of plastics, 7:10
SPE RETECs on: *see* Regional Technical Conferences
supply of recycled materials increases, 6:6
U.S. plastics recycling, 6:6
vinyl, 5:3
Regional Technical Conferences, SPE
alloys, blends, and modified polymers, 9:42
applications of technology in heavy and thin sheet thermoforming—II, 8:31
continuous compounding in the '90s, 10:58
injection molding outlook, 8:50
innovations in plastics III: shaping the future of the world, 7:49
medical plastics, limited RETEC, 12:59
new frontier of plastics technology, 9:26
plastics recycling: survival tactics thru the '90s, 4:55
polyolefins VIII, 1:26, 3:20
TPEs: new developments, technology, and market opportunities for the '90s, 8:61
vinyl 201, processing: second part of vinyl primer series, 7:51
weathering well with color and additives, 8:48
Reinforcements
additives, 6:20
SPI Composites Institute conference, 1:10
Release agents, additives, 6:20, 10:4
Resins (*see also* specific type)
automotive and, 4:34
production, 1992, 3:8
RETECs: *see* Regional Technical Conferences
Rexene Corp., reorganization of, 1:7
RIM: *see* Reaction injection molding

S

Safety labeling, 5-gallon buckets, 9:6
Sales, export, 9:21
SAN/PVDF blend, 10:33
SAN/SMA blend, 10:33
Screw design for extrusion coating, 10:27
Sheet, acrylic, specialty application, 1:5
Sheet, PC, specialty application, 1:5
Sheet molding compound, automotive and, 4:34
Silane monolayers on silica surfaces, 12:27
Slater, John G., obituary, 4:62
Slip agents, additives, 6:20
SMA (styrene maleic anhydride), specialty application, 5:6
SMA/ABS blend, 10:33
SMA/SAN blend, 10:33
SMC: *see* Sheet molding compound
Smoke suppressants, additives, 6:20
Society of Plastics Engineers
annual report, 5:27
ANTEC 1993
preview, 3:22
technical papers, best, 10:16
wrapups, 6:16, 7:26
Automotive Division Awards, 12:18
budget, 3:122

Capital Fund, 6:84
Council meets in Nashville, 12:72
Council meets in New Orleans, 6:84
Council meets in Savannah, 3:122
De Michele, Eugene, 5:46
directory, international Society and its Sections and Divisions, 9:50
Division-in-Formation, new, 6:84
essay contest for students, 1:44, 10:66, 11:66
European office opens in Brussels, 6:84, 9:20, 11:66
Executive Committee members, 6:84
Fellows, new, 4:74, 7:60
finances, 3:122, 5:30
Forger, Robert D., 1:2, 2:50
Honored Service Members, new, 4:74, 8:66, 9:66
Insurance program endorsed by, 2:8
International Awards, 3:22, 4:50, 6:84
International office, 6:84, 9:20, 11:66
Marketing and Management Division, 3:122, 11:66
Member-Get-a-Member awards, 5:46
membership recruiters, 11:66
newsletter awards, 11:66
Officers, 1993–94, 3:122, 5:16
publications catalog, 1:44
Quebec Section, accomplishments of Education Committee, 4:74
RETECs: *see* Regional Technical Conferences
scholarship fund, 6:84
Strategic Plan, 9:3
Student Chapter, new, 6:84
student members, booklet containing resumes available, 4:74
Vinyl Plastics Division thesis award program, 10:66

Society of the Plastics Industry, Inc.
CFCs and, 4:3
clean air regulations and, 5:3
Composites Institute conference, 1:10
cutting-board safety and, 8:6
Expanded Polystyrene Division, 7:3
Facts & Figures of the U.S. Plastics Industry, 12:6
Fluoropolymers Division, 5:3
Guide to the Safe Handling of Fluoropolymer Resins, 5:3
Hazmat training video, 6:6
HCFCs and, 8:6
ISO registration, 6:6
Legislative Digest, on-line, 6:6
machinery shipments, U.S., in 1992, 5:3
Membership Directory & Buyer's Guide, 1:44
Midwest Section, 11:6
Operation Clean Sweep, 1:3
Plastics Pipe Institute, 8:6
Polystyrene Packaging Council, joins SPI, 4:3
Polyurethane Division, and CFCs, 4:3
Polyurethanes Recycle & Recovery Council, 10:6, 10:10
resin ID code, 9:6
resin spills and, 1:3
ring carrier rule and, 7:3
Salary & Sales Policy Survey, 7:3
Sheet Producers Division, 8:6
Structural Plastics Division conference, 6:18
Vinyl Institute, 5:3
Western Section, awards scholarships, 8:6

SPE: *see* Society of Plastics Engineers
SPI: *see* Society of the Plastics Industry
Stabilizers, additives, 6:20
Statue of Liberty, 5:7
Structural plastics, 6:18
Surface acoustic wave sensors, 12:31
Surface treatments
silane monolayers, 12:27
titanium dioxide pigments and, 7:19
Surfactants, additives, 6:20

T

Tackifiers, additives, 6:20
Tariffs, reduction of, 9:6
Terminology, for plastics, 6:47
Texaco Chemical, acquired by Huntsman, 11:12
Thermoplastic elastomers, specialty applications, 8:8, 12:8
Thermoplastic polyurethane elastomers, specialty applications, 1:6, 4:4, 4:8, 7:6, 10:8
Thermoplastics (*see also* specific type)
automotive and, 4:34
Thermoset composite, specialty application, 12:8
Thermosets: *see* specific type
Titanium dioxide, 7:19
Toughened, additives, 6:20
Toxic Release Inventory (TRI), 8:6
TPE: *see* Thermoplastic elastomers
TPU: *see* Thermoplastic polyurethane elastomers

U

Ultraviolet light stabilizers, additives, 6:20, 8:16
Unilever Award, 11:12
Union Carbide
CEO honored, 12:6
patent upheld, 5:8
United Nations Industrial Development Organization (UNIDO), 4:3
United States
executive orders regarding environment, 11:6
National Performance Review, 11:6
plastics industry and, number of jobs in U.S., 3:8
recycling of plastics and, 6:6
Vice President Albert Gore, 11:6
United States Environmental Protection Agency: *see* Environmental Protection Agency

V

Vinyl (*see also* Polyvinyl chloride), recycling, 5:3
vinylester resin, specialty application, 10:5
Vinyl Institute, 5:3
Vinyl packaging, awards competition, 2:8

W

Water pollution, reduction of, 9:6
Wood composite, 8:8
Wrapups
ANTEC 1993, 6:16, 7:26
Polyolefins VIII, 3:20
Structural Plastics Conference, 6:18

AUTHOR INDEX

Butler, R., 7:19

Catoen, B. 4:45
Christie, A.W., 10:27
Coleman, E.A., 6:47
Cross, C., 2:29

De Michele, E., 3:122, 6:84, 12:72
Dubreuil, M.P., 8:27

Engelstein, G., 4:41

Feger, C., 12:31
Ferris, R.M., 2:3, 4:2, 5:2, 7:2, 8:3, 10:3, 11:3, 12:3

Galipeau, D.W., 12:31
Gallucci, R., 5:23
Gardiner, J.L., 9:3
Gardner, G., 2:29
Gupta, A., 11:33
Harkins, J.R., 8:27
Harrison, I.R., 11:33
Hoyt, H.G., 9:21
Huey, L., 5:23
Huggard, M.T., 11:29

Karande, S.V., 10:27
Kates, D.F., 1:26, 3:20
Kelley, D.C., 10:27
Kurkjian, C.R., 12:27

Lee, C.S., 10:33
LeGrange, J.D., 12:27
Liu, N.I., 5:23
Loudin, L., 3:3

Machado, J.M., 10:33
Manzione, L.T., 3:26
Markham, J.L., 12:27
Miltz, J., 3:75
Minnichelli, M.D., 8:23
Mordecai, W., 5:23

Naar, R., 5:23
Neward, L.M., 6:3
Nir, M.M., 3:75

Oehler, P.R., 8:23

Pottle, M.K., 9:23

Ram, A., 3:75

Schweizer, R., 5:23
Shortt, M.W., 1:10, 10:18, 11:18, 12:18
Simpson, D.M., 11:33
Spalding, M.A., 10:27
Stokes, V.K., 3:26

Trantina, G.G., 8:23
Turng, L.-S., 9:27

Vetelino, J.F., 12:31

Walling, R.L., 1:28
Wigotsky, V., 2:14, 4:34, 5:18, 6:18, 7:14, 8:16, 9:14, 10:20, 12:17, 12:20
Wojtaszek, H.J., 5:27
Wood, C.A., 10:27

Yates, J., 5:23

Back Issues

If you would like to order back issues of PLASTICS ENGINEERING, call SPE at (203) 775-0471 and ask for Maribeth Smith.

Extrusion Seminar & Laboratory

February 16 - 18, 1994
Clearwater, FL

Instructor: Chris Rauwendaal

This three day seminar and laboratory/workshop is designed to familiarize attendees with the extrusion process and explain how the extruder works. Hardware aspects are discussed, polymer properties that affect extruder performance are analyzed, and inner workings of the extruder are discussed in detail. This functional analysis forms the basis for a detailed discussion on the practical aspects of screw design, twin screw extrusion, die design, and troubleshooting. The laboratory/workshop will take place at GENCA in Clearwater, FL.

For more information, contact:
SPE Education Department
(203) 775-0471
FAX (203) 775-8490